

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended): An electronic medical information system ~~using a computer to manage electronic medical information, said electronic medical information system being equipped with a control server~~ comprising:

a display means for displaying a table in which a plurality of symptoms, degrees of respective symptoms, and durations of the respective symptoms are selectably listed;

an input means for inputting patient's chief complaint information, including at least one of the plurality of symptoms in one or more locations selected from the table, the degree of the respective symptom, and the duration of the respective symptom, into a chief complaint information file and for inputting doctor's consultation information associated with said patient's chief complaint information into a consultation information file;

an accumulation means for accumulating said chief complaint information and said consultation information;

a calculation means for ~~scoring, with respect to each date of consultation,~~ calculating a score for each symptom in the latest chief complaint information and consultation information input by said input means, the score corresponding to the degree of the respective symptom and the duration of the respective symptom, and aggregating scores with respect to each date of consultation using the past chief complaint information and consultation information accumulated by said accumulation means, respectively;

a generation means for automatically generating, based on said scores, a list by which a temporal variation of said chief complaint information and consultation information can be viewed, said list including a graph by which a temporal variation of the scores ~~calculated by said calculation means~~ can be viewed and the scores for respective symptoms of the chief complaint information and consultation information are presented in time series in comparison with the graph; and

~~a display means for displaying the list, wherein said display means further displays a table in which a plurality of symptoms, and degrees of respective symptoms are selectably listed, wherein the input means automatically inputs one or more relevant symptoms and degrees of symptoms, in response to the user operation of selecting them from the table, into said chief complaint information file and the consultation information file, and~~

~~wherein said calculation means further includes aggregating relevant scores corresponding to the degree of the selected symptom, with each of said degrees of symptoms having a pre-defined score assigned thereto~~

wherein if the patient did not appear on a day reserved in a next-reservation information which has been input by said input means, said generation means generates the list with blanks for said chief complaint information and consultation information for the day the patient did not appear.

2. - 3. (Cancelled).

4. (Previously presented): The electronic medical information system according to claim 1, wherein said display means further displays, in conjunction with said table, an image simulating a human body with check buttons provided on major regions thereof, and when any one of said symptoms is selected, the check button corresponding to the region which is developing the selected symptom is automatically checked.

5. – 6. (Cancelled).

7. (Currently amended): The electronic medical information system according to claim 1,

wherein said display means further displays an image simulating a human body in conjunction with said list, and when the symptoms of the chief complaint information and consultation information are input by said input means, displays link buttons at the region where the respective symptoms are developing on the image simulating the human body,

wherein said ~~control server~~ electronic medical information system further comprises a reading means for reading, from the chief complaint information or consultation information accumulated in said accumulation means, each information of the region displaying the link button when the displayed link button is pressed, and

wherein said display means further displays each information which has been read by said reading means.

8. (Previously presented): The electronic medical information system according to claim 1, wherein said generation means generates the list so that, when the patient is receiving consultation for a plurality of different diseases around the same period, the respective diseases can be viewed on a same screen in a distinguishable manner.

9. (Currently amended): The electronic medical information system according to claim 1,

wherein said input means inputs electronic chart information composed of one or more of information as to disease name, chief complaint reported at the consultation, history of present illness, anamnesis, anamneses of family members, observations of the doctor, inspection, treatment, dosage, injection/instillation, and next-reservation,

wherein said generation means generates an electronic chart based on the input information,

wherein said ~~control server~~ electronic medical information system further comprises:

a storage means for storing the generated electronic chart into an electronic chart file; and

a reading means for setting and displaying, on said list, a link button associated with the electronic chart and reading the electronic chart from said electronic chart file when the link button is pressed, and

wherein said display means displays the electronic chart which has been read by said reading means.

10. (Previously presented): The electronic medical information system according to claim 1, wherein the input means inputs handwritten information either in an imaged or coded manner.

11. (Previously presented): The electronic medical information system according to claim 1, wherein the input means for inputting said electronic medical information comprises: an audio input means for inputting audio information; and an image input means for inputting image information, and wherein said generation means generates an electronic chart so that the audio information and image information can be reproduced from the electronic chart as a part of the electronic chart.

12. (Cancelled).

13. (Currently amended): The electronic medical information system according to claim 1, wherein said ~~control server~~ electronic medical information system further comprises a reading means for reading, from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein said accumulation means further accumulates the information which has been read out by said reading means,

wherein said list includes a link button for each information on the list, said reading means reads corresponding information accumulated by said accumulation means when any of

the link buttons is pressed, and said display means displays the information which has been read out by said reading means.

14. (Previously presented): The electronic medical information system according to claim 1, wherein said control server further comprises:

a storing means for storing, into a conventional chart file, a conventional chart converted into an electronic document format which precisely reproduces an original image; and

a reading means for reading, upon request for viewing the conventional chart file, a conventional chart requested for viewing from said conventional chart file,

wherein said display means displays the conventional chart which has been read out by said reading means.

15. (Previously presented): The electronic medical information system according to claim 14,

wherein said reading means further reads from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein, of the information stored in said conventional chart file, the information corresponding to said electronic chart information is accumulated by the accumulation means, and

wherein said generation means generates the list including the temporal variation of each information of the conventional chart file accumulated by the accumulation means in time series in comparison with the temporal variation of said graph.

16. (Previously presented): The electronic medical information system according to claim 1, wherein said input means of chief complaint information is implemented by transmitting data, to the control server, from a communication terminal used by the doctor for consultation via a LAN or a WAN, or from the patient's communication terminal via a communication network.

17. (Currently amended): The electronic medical information system according to claim 1, wherein said input means of consultation information is implemented by transmitting data from said consultation terminal to said ~~control server~~ electronic medical information system.

18. (Previously presented): The electronic medical information system according to claim 1, wherein said patient's communication terminal transmits, via a communication network, vital information including one or more of the patient's weight, blood pressure, frequency of meals, content of meals, taking exercise or not, and sleeping hours to said control server, wherein said input means receives the transmitted vital information and inputting it into a vital

information file, and said generation means generates said list by arranging the vital information in time series so that it can be compared with the temporal variation of said graph.

19. (Currently amended): The electronic medical information system according to claim 1, wherein said input means is implemented by transmitting data from a consultation terminal to said ~~control-server~~ electronic medical information system via a LAN or a WAN.

20. (Previously presented): The electronic medical information system according to claim 1, wherein said consultation terminal comprises an input means for inputting handwritten information in an imaged or coded form.

21. (Previously presented): The electronic medical information system according to claim 1, wherein said consultation terminal comprises said audio input means and said image input means.

22. (Currently amended): The electronic medical information system according to claim 1, wherein, upon receiving a request, via a communication network, for viewing said list or the information accumulated by said accumulation means from said consultation terminal, said patient's communication terminal, and a communication terminal of a viewer, said ~~control-server~~ electronic medical information system is configured to display the list or said each information

to be viewable, within an authorized range, from the consultation terminal, the patient's communication terminal, and the viewer's communication terminal, respectively.

23. (Previously presented): The electronic medical information system according to claim 1, wherein said control server is configured such that, by letting an IC card reader/writer connected to a communication terminal read the IC card carried by a person permitted to use the communication terminal being one or more of said consultation terminal, said patient's communication terminal, and the viewer's communication terminal, said control server receives a signal requesting authorization via a communication network and performs said authorization.

24. (Previously presented): The electronic medical information system according to claim 1, wherein said control server is configured such that, by letting the reader/writer connected to the communication terminal of a viewer read said IC card carried by the patient and the IC card carried by the ambulance crew, the paramedic, or the doctor on duty, in case of emergency, the control server receives and authorizes a signal requesting authorization via a communication network, and displays at least said information of history of present illness and anamnesis so that they can be viewed with the viewer's communication terminal.

25. – 31. (Cancelled).

32. (Currently Amended): A non-transitory computer readable recording media for storing an electronic medical information program that, when executing on a computer, causes the computer to perform the steps of:

displaying a table in which a plurality of symptoms, degrees of respective symptoms, and duration of the respective symptoms are selectably listed;

inputting patient's chief complaint information, including at least one of the plurality of symptoms in one or more locations selected from the table, the degree of the respective symptom, and the duration of the respective symptom, into a chief complaint information file;

inputting doctor's consultation information, associated with said patient's chief complaint information, into a consultation information file;

accumulating the chief complaint information input into the chief complaint information file and the consultation information input into the consultation information file;

scoring, with respect to each date of consultation, calculating a score for each symptom in the input latest chief complaint information and consultation information, the score corresponding to the degree of the respective symptom and the duration of the respective symptom; and

aggregating scores with respect to each date of consultation using the accumulated past chief complaint information and consultation information, respectively; and

automatically generating, based on said scoring, a list including a graph by which a temporal variation of the chief complaint information and consultation information can be viewed, and the scores for respective symptoms of the chief complaint information and

consultation information presented in time series in comparison with the temporal variation of said graph, wherein if the patient did not appear on a day reserved in a next-reservation information which has been input, blanks in the graph are generated for said chief complaint information and consultation information for the day the patient did not appear.

33. (Currently Amended): A method for managing electronic medical information comprising:

displaying a table in which a plurality of symptoms, degrees of respective symptoms, and duration of the respective symptoms are selectably listed;

inputting patient's chief complaint information, including at least one of the plurality of symptoms in one or more locations selected from the table, the degree of the respective symptom, and the duration of the respective symptom, into a chief complaint information file, and doctor's consultation information associated with said patient's chief complaint information into a consultation information file;

~~inputting one or more relevant symptoms and degrees of symptoms, in response to a selection of said one or more relevant symptoms and degrees of symptoms from the table, into said chief complaint information file and the consultation information file;~~

accumulating said chief complaint information and said consultation information;

~~scoring, with respect to each date of consultation, a latest~~ calculating a score for each symptom in the chief complaint information and consultation information, the score corresponding to the degree of the respective symptom and the duration of the respective

~~symptom and a past chief complaint information and consultation information accumulated by said accumulation means, respectively;~~

~~aggregating relevant scores corresponding to the degree of the selected symptom, with each of said degrees of symptoms having a pre-defined score assigned thereto with respect to each date of consultation using the accumulated chief complaint information and consultation information; and~~

~~generating and displaying, based on said scores, a list by which a temporal variation of said chief complaint information and consultation information can be viewed, said list including a graph by which a temporal variation of the scores can be viewed and the scores for respective symptoms of the chief complaint information and consultation information presented in time series in comparison with the temporal variation of said graph, wherein if the patient did not appear on a day reserved in a next-reservation information which has been input, blanks in the graph are generated for said chief complaint information and consultation information for the day the patient did not appear.~~

34. (Cancelled).

35. (Previously presented): The method according to claim 33, wherein said step of displaying the table includes displaying an image simulating a human body with check buttons provided on major regions thereof, and when any one of said symptoms is selected, the check

button corresponding to the region which is developing the selected symptom is automatically checked.

36. (Previously presented): The method according to claim 33,

wherein said step of said generating and displaying generates and displays an image simulating a human body in conjunction with said list, said image including link buttons at regions of the image where symptoms related to the chief complaint information and consultation information are developing, and

further comprising reading and displaying the chief complaint information or consultation information accumulated for the region displaying the link button when the displayed link button is pressed.

37. (Previously presented): The method according to claim 33, wherein said step of said generating and displaying generates and displays the list so that, when the patient is receiving consultation for a plurality of different diseases around the same period, the plurality of different diseases are presented in a distinguishable manner.

38. (Previously presented): The method according to claim 33,

wherein said step of inputting the chief complaint information and the consultation information includes inputting an electronic chart information composed of one or more of information as to disease name, chief complaint reported at the consultation, history of present

illness, anamnesis, anamneses of family members, observations of the doctor, inspection, treatment, dosage, injection/instillation, and a next-reservation, and

wherein said step of said generating and displaying generates and displays the list with a link button associated with the electronic chart information, and displays an electronic chart for the electronic chart information when the link button is pressed.

39. (Previously presented): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting handwritten information either in an imaged or a coded manner.

40. (Previously presented): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting audio information and image information, and

wherein said step of said generating and displaying generates and displays the list including an electronic chart that reproduces the audio information and the image information.

41. (Previously presented): The method according to claim 33,
further comprising reading from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein said step of accumulating accumulates the information read by said step of reading from the electronic chart file,

wherein said step of said generating and displaying generates and displays the list including a link button for each information on the list and when any of the link buttons is pressed, displays the information read by said step of reading from the electronic chart file.

42. (Previously presented): The method according to claim 33, further comprising:
storing, into a conventional chart file, a conventional chart converted into an electronic document format; and
displaying the conventional chart read from the conventional chart file upon a request for viewing the conventional chart.

43. (Previously presented): The method according to claim 42,
further comprising reading from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,
wherein said step of accumulating accumulates the information read by said step of reading from the electronic chart file and the information in said conventional chart file corresponding to said electronic chart information, and
wherein said step of said generating and displaying generates and displays the list including the temporal variation of each information of the conventional chart file accumulated by said step of accumulating in time series in comparison with the temporal variation of said graph.

44. (Previously presented): The method according to claim 33, wherein said step of inputting the chief complaint information includes transmitting data, to a control server, from a communication terminal used by the doctor for consultation via a LAN or a WAN, or from the patient's communication terminal via a communication network.

45. (Previously presented): The method according to claim 33, wherein said step of inputting the consultation information includes transmitting data from a consultation terminal to a control server.

46. (Previously presented): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting, into a vital information file, vital information including one or more of the patient's weight, blood pressure, frequency of meals, content of meals, taking exercise or not, and sleeping hours, and

wherein said step of said generating and displaying generates and displays the list including the vital information presented in time series in comparison with the temporal variation of said graph.

47. (Previously presented): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes transmitting data from a consultation terminal to a control server via a LAN or a WAN.

48. (Previously presented): The method according to claim 33, further comprising receiving a request from a consultation terminal, a patient's communication terminal, or a communication terminal of a viewer, via a communication network, to view said list or the information accumulated by said accumulation means,

wherein said step of said generating and displaying generates and displays the list or the information accumulated by said accumulation means, within an authorized range, from the consultation terminal, the patient's communication terminal, and the viewer's communication terminal, respectively.

49. (Previously presented): The method according to claim 33, further comprising:
reading an IC card for use of a consultation terminal, a patient's communication terminal, or a viewer's communication terminal; and

requesting authorization from a control server via a communication network to use the consultation terminal, the patient's communication terminal, or the viewer's communication terminal.

50. (Previously presented): The method according to claim 49, further comprising:
authorizing the use the consultation terminal, the patient's communication terminal, or the viewer's communication terminal; and

displaying history information of present illness and anamnesis at the consultation terminal, the patient's communication terminal, or the viewer's communication terminal.